

Name _____

Date _____

Hour _____

Module 4 Quiz Review - No Calculator!!!**Operations with Fractions. Make sure all answers are in simplest form!****(3 points each)**

$$\begin{array}{r} 1) \quad 9\frac{7}{8} \\ + 2\frac{1}{6} \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 7\frac{4}{5} \\ + 3\frac{9}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 19\frac{3}{8} \\ - 4\frac{3}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad 7\frac{5}{6} \\ - 2\frac{3}{4} \\ \hline \end{array}$$

$$5) \quad \frac{1}{4} \cdot 2\frac{1}{5} =$$

$$6) \quad 4\frac{2}{3} \cdot 1\frac{2}{7} =$$

$$7) \quad 14\frac{1}{2} \div \frac{3}{4} =$$

$$8) \quad 6\frac{1}{2} \div 2\frac{1}{4} =$$

Evaluating expressions with rational and irrational numbers.

Estimate the square root and evaluate each expression. (2 points each)

9) $50 - 2\sqrt{80}$

10) $10 + 3\sqrt{102}$

11) $33 - \sqrt{23}$

Operations with Integers.

(1 point each)

12) $-4 \cdot (-7) =$

13) $-40 + 32 =$

14) $\frac{42}{-6} =$

15) $-18 - (-29) =$

16) $-16 + (-23) =$

17) $12 \cdot (-5) =$

18) $14 - (-20) =$

19) $\frac{-64}{-8} =$

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Module 4 Quiz Review – Calculator Allowed ☺

Converting fractions to decimals and decimals to fractions.
Convert each decimal to a fraction. (1 point each)

20) 0.36

21) 0.125

Convert each fraction to a decimal. (1 point each)

22) $1\frac{1}{3}$

23) $\frac{5}{16}$

Recognize rational and irrational numbers.

Tell whether each number is rational or irrational. EXPLAIN your answer. (2 points each)

24) 9.74

25) $22.\overline{37}$

26) $16\frac{2}{7}$

27) 29

28) $\sqrt{64}$

29) $\sqrt{39}$